

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : R. Perelman, et al.                      Art Unit : 2151  
Serial No. : 10/006,260                                  Examiner : Kamal B. Divecha  
Filed : November 2, 2001  
Title : CLIENT-SIDE MODIFICATION OF ELECTRONIC DOCUMENTS IN A  
CLIENT-SERVER ENVIRONMENT

## Amendment Proposal

The following proposed amendments are submitted for consideration. The Office is hereby authorized to include the proposed amendments in a Notice of Allowance. Should the Examiner have any questions or comments, he is respectfully requested to telephone Kim Leung at (858) 678-4705 to discuss what additional steps he believes may be necessary to place the application in a condition for allowance.

1. (Currently Amended) A machine-implemented method of modifying an electronic document, the method comprising:
  - receiving, at a computer system comprising at least one processor and at least one memory device, a request from a client;
  - producing, at the computer system, data corresponding to the client request;
  - generating instructions to modify an electronic document having a predetermined format that defines an appearance of the electronic document independent of a device used to present the electronic document, the generated instructions specifying one or more operations to modify the electronic document's predetermined ~~final~~ format at the client to accommodate the produced data, the generated instructions to be performed at the client to effect the one or more operations,
  - wherein the one or more operations to modify the predetermined format at the client comprise adding information to the electronic document without changing pre-existing information in the electronic document; and
  - transmitting the produced data and the generated instructions to the client.
4. (Canceled)

5. (Currently Amended) The method of claim[[ 4]]1, wherein the generated instructions comprise a script.

16. (Currently Amended) A machine-implemented method of modifying an electronic document, the method comprising:

obtaining an electronic document having a predetermined format that defines an appearance of the electronic document independent of a device used to present the electronic document;

sending a request to a server;

receiving, from the server, data and instructions to modify the electronic document; and

modifying the electronic document's predetermined ~~final~~ format in accordance with the received instructions to accommodate the received data, wherein modifying the electronic document's predetermined format comprises adding information to the electronic document without changing pre-existing information in the electronic document.

19. (Canceled)

20. (Currently Amended) The method of claim[[ 19]]16, wherein the instructions comprise a script.

24. (Currently Amended) A machine-implemented method of modifying an electronic document, the method comprising:

receiving, at a computer system comprising at least one processor and at least one memory device, a request from a client;

producing, at the computer system, data corresponding to the client request;

generating instructions to modify an electronic document defining visual information to be displayed, the generated instructions specifying one or more operations to modify the electronic document at the client to accommodate the produced data, and the generated instructions including at least one tag indicating an order in which the produced data is to be

imported into the electronic document and the instructions are to be performed, and the generated instructions to be performed at the client to effect the one or more operations, wherein the one or more operations to modify the electronic document comprise adding formatting information to the electronic document without changing pre-existing formatting information in the electronic document; and

transmitting the produced data and the generated instructions to the client.

29. (Canceled)

30. (Currently Amended) The method of claim[[ 29]] 24, wherein the generated instructions comprise a script.

32. (Currently Amended) A non-transitory machine-readable storage medium embodying information indicative of instructions for causing one or more machines to perform operations comprising:

receiving a request from a client;

producing data corresponding to the client request;

generating instructions for an electronic document having a predetermined format that defines an appearance of the electronic document independent of a device used to present the electronic document, the generated instructions specifying one or more operations to modify the predetermined format at the client to accommodate the produced data, the generated instructions to be performed at the client to effect the one or more operations, wherein the one or more operations to modify the predetermined format at the client comprise adding information to the electronic document without changing pre-existing information in the electronic document; and transmitting the produced data and the generated instructions to the client.

33. (Currently Amended) The non-transitory machine-readable storage medium of claim 32, wherein the produced data includes a location from which the client is to retrieve the electronic document.

34. (Currently Amended) The non-transitory machine-readable storage medium of claim 32, wherein the produced data includes a file name for the electronic document, which is already locally accessible by the client.

35. (Canceled)

36. (Currently Amended) The non-transitory machine-readable storage medium of claim[[ 35]] 32, wherein the generated instructions comprise a script.

37. (Currently Amended) The non-transitory machine-readable storage medium of claim 36, wherein the generated instructions further comprise at least one tag indicating an order in which the produced data is to be imported into the electronic document and the instructions are to be performed.

38. (Currently Amended) The non-transitory machine-readable storage medium of claim 37, wherein the at least one tag is a before tag, an after tag or a document tag, wherein the before tag indicates that the produced data is to be imported into the electronic document before the instructions are performed, the after tag indicates that the produced data is to be imported into the electronic document after the instructions are performed, and the document tag indicates that at least a portion of the generated instructions are to be inserted into the electronic document.

39. (Currently Amended) The non-transitory machine-readable storage medium of claim 37, wherein the electronic document comprises a form document including one or more form fields, which are responsive to user actions.

40. (Currently Amended) The non-transitory machine-readable storage medium of claim 39, wherein adding the information causes a new visual object to overlay one or more pre-existing visual objects in the electronic document.

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Respectfully submitted,

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